Code: **386**
Computer Type: **Compaq 386 (20Mhz 386)**
Operating System: **386/IX 5.3 rev level 1.01 (unix)**
Lisp: **Lucid 2.0**
Disk Configuration: **134MB ESDI**
Swapping Size: **unknown**
Memory Configuration: **10MB; 32kB 20ns cache**
Display Configuration: **terminal**
Other Configuration: **none**
Special Comments: **none**
Timing Template: **elapsed (run)**
Date-of-test: **Spring 1988**

Code: **386T**
Computer Type: **Compaq 386 portable (Toaster)**
Operating System: **386/IX 5.3 rev level 1.01 (unix)**
Lisp: **Lucid 2.0**
Disk Configuration: **40MB**
Swapping Size: **unknown**
Memory Configuration: **10MB; no cache**
Display Configuration: **tiny LCD**
Other Configuration: **tiny display**
Special Comments: **portable version of "386" above**
Timing Template: **elapsed (run)**
Date-of-test: **Spring 1988**

Code: **4/260**
Computer Type: **Sun 4/280**
Operating System: **SunOS 3.2 Gamma**
Lisp: **Lucid 2.1**
Disk Configuration: **unknown**
Swapping Size: **unknown**
Memory Configuration: **32MB**
Display Configuration: **Hi Res color in mono**
Other Configuration:
Special Comments: **used :EXPAND 130 :GROWTH-RATE 130**
Timing Template: **elapsed (user-run + system-run)**
Date-of-test: **Summer 1988**

Code: **4/280**
Computer Type: **Sun 4/280**
Operating System: **SunOS 3.2 Gamma**
Lisp: **Lucid 2.1 beta**
Disk Configuration: **417 (Eagle)**
Swapping Size: **60MB**
Memory Configuration: **8MB**
Display Configuration: **Hi Res mono**
Other Configuration:
Special Comments:
Timing Template: **elapsed (user-run + system-run)**
Date-of-test: **Winter 1988**

Code: **DEC-II**
Computer Type: **DEC MicroVax II/GPX**
Operating System: **VMS**
Lisp: **VaxLisp**
Disk Configuration: **2 x 159MB**
Swapping Size: **3k pg page, 8k pg swap**
Memory Configuration: **16MB**
Display Configuration: **GPX**
Other Configuration:
Special Comments:
Timing Template: **elapsed - gc-elapsed (run - gc-run)**
Date-of-test: **Fall 1987**

Code: **DEC-III**
Computer Type: **DEC MicroVax III (3500)**
Operating System: **VMS**
Lisp: **VaxLisp**
Disk Configuration: **(RD53)**
Swapping Size: **unknown**
Memory Configuration: **16MB**
Display Configuration:
Other Configuration:
Special Comments:
Timing Template: **elapsed - gc-elapsed (run - gc-run)**
Date-of-test: **Fall 1987**

Code: **E-3/75**
Computer Type: **Sun 3/75**
Operating System: **SunOS 3.1**
Lisp: **Franz Extended Common Lisp 2.0**
Disk Configuration: **70MB SCSI**
Swapping Size: **50MB local**
Memory Configuration: **28MB**
Display Configuration: **standard resolution mono**
Other Configuration: **Files on Sun 3/180 NFS server**
Special Comments: **Under suntools**
Timing Template: **elapsed (run + gc)**
Date-of-test: **Fall 1987**

Code: **EXP1**
Computer Type: **Texas Instruments Explorer I**
Operating System: **Explorer Lisp Release 4.1**
Lisp: **Explorer Lisp Release 4.1**
Disk Configuration: **2 x 140MB SCSI**
Swapping Size: **80MB**
Memory Configuration: **8MB**
Display Configuration: **1024 x 768 mono**
Other Configuration:
Special Comments: **TGC (incremental generation scavenging GC) on**
Timing Template: **elapsed - paging**
Date-of-test: **November 1988**

Code: **EXP2**
Computer Type: **Texas Instruments Explorer II**
Operating System: **Explorer Lisp Release 4.1**
Lisp: **Explorer Lisp Release 4.1**
Disk Configuration: **2 x 140MB SCSI**
Swapping Size: **80MB**
Memory Configuration: **16MB**
Display Configuration: **1024 x 768 mono**
Other Configuration:
Special Comments: **TGC (incremental generation scavenging GC)**
Timing Template: **elapsed - paging**
Date-of-test: **November 1988**

Code: **EXP2+**
Computer Type: **Texas Instruments Explorer II Plus**
Operating System: **Explorer Lisp Release 4.1**
Lisp: **Explorer Lisp Release 4.1**
Disk Configuration: **2 x 140MB SCSI**
Swapping Size: **80MB**
Memory Configuration: **16MB**
Display Configuration: **1024 x 768 mono**
Other Configuration:
Special Comments: **TGC (incremental generation scavenging GC)**
Timing Template: **elapsed - paging**
Date-of-test: **November 1988**

Code: **F-4/280**
Computer Type: **Sun 4/280**
Operating System: **SunOS 4.0**
Lisp: **Franz Allegro Common Lisp 3.0.1 beta**
Disk Configuration: **2x900**
Swapping Size: **118MB**
Memory Configuration: **32MB**
Display Configuration: **Hi Res mono**
Other Configuration: **Not running under GnuEmacs; no multi-processing; 4MB initial memory**
Special Comments:
Timing Template: **elapsed (user-run + system-run)**
Date-of-test: **Winter 1989**

Code: **HP**
Computer Type: **Hewlett Packard 9000/350**
Operating System: **Unix**
Lisp: **HP Lisp 1.0**
Disk Configuration: **130MB (7958)**
Swapping Size: **unknown**
Memory Configuration: **16MB**
Display Configuration: **color**
Other Configuration: **under gnuemacs**
Special Comments:
Timing Template: **elapsed - run**
Date-of-test: **Fall 1987**

Code: **K-3/75**
Computer Type: **Sun 3/75**
Operating System: **SunOS 3.1**
Lisp: **Kyoto Common Lisp "September 16, 1986"**
Disk Configuration: **70MB SCSI**
Swapping Size: **50MB local**
Memory Configuration: **28MB**
Display Configuration: **standard resolution mono**
Other Configuration: **Files on Sun 3/180 NFS server**
Special Comments: **Under suntools**
Timing Template: **elapsed - run**
Date-of-test: **Fall 1987**

Code: **L-3/75**
Computer Type: **Sun 3/75**
Operating System: **SunOS 3.1**
Lisp: **Lucid 2.0**
Disk Configuration: **70MB SCSI**
Swapping Size: **50MB local**
Memory Configuration: **28MB**
Display Configuration: **standard resolution mono**
Other Configuration: **Files on Sun 3/180 NFS server**
Special Comments: **used :EXPAND 90 :GROWTH-RATE 90**
Timing Template: **elapsed (user-run + system-run)**
Date-of-test: **Fall 1987**

Code: **Mac2**
Computer Type: **Apple Macintosh II**
Operating System: **Mac OS 5**
Lisp: **Allegro Common Lisp 1.1**
Disk Configuration: **100MB internal**
Swapping Size: **n/a**
Memory Configuration: **5MB**
Display Configuration: **E-machines Big Picture 17" mono**
Other Configuration:
Special Comments:
Timing Template: **elapsed - paging**
Date-of-test: **Spring 1988**

Code: **Maci**
Computer Type: **Symbolics MacIvory**
Operating System: **Genera 7.3i**
Lisp: **Genera 7.3i**
Disk Configuration: **300MB external**
Swapping Size: **25,000kW (122MB)**
Memory Configuration: **2,688kW (13MB); 2MB Mac II**
Display Configuration: **Radius**
Other Configuration: **Apple EtherTalk**
Special Comments:
Timing Template: **elapsed - paging**
Date-of-test: **December 1988**

Code: **mX**
Computer Type: **Texas Instruments microExplorer**
Operating System: **Explorer Lisp 5.0**
Lisp: **Explorer Lisp 5.0**
Disk Configuration: **100MB Rodime**
Swapping Size: **60MB**
Memory Configuration: **12MB mX processor; 2MB Mac II**
Display Configuration: **24" (1280 x 960) Moniterm Viking II**
Other Configuration: **Apple EtherTalk**
Special Comments:
Timing Template: **elapsed - paging**
Date-of-test: **December 1988**

Code: **RT**
Computer Type: **IBM RT/APC**
Operating System: **AIX 2.1.2 (unix)**
Lisp: **2.0.5 (Lucid 1.01)**
Disk Configuration: **"Fast" EESDI controller; 3 x 70MB**
Swapping Size: **80k x 512kB blocks (40,960MB)**
Memory Configuration: **16MB of "fast" memory**
Display Configuration: **Moniterm 1024 x 768 mono**
Other Configuration: **AFT floating point unit; GSL windows**
Special Comments: **Used :EXPAND 69 to get 6MB semispace;**
This should be the fastest RT version now available
Timing Template: **elapsed (user-run + system-run)**
Date-of-test: **Spring 1988**

Code: **Sym**
Computer Type: **Symbolics 3645**
Operating System: **Symbolics Release 6.1**
Lisp: **Symbolics Release 6.1**
Disk Configuration: **368MB**
Swapping Size: **200MB**
Memory Configuration: **8MB**
Display Configuration:
Other Configuration: **FPA, no color**
Special Comments: **EGC on; preliminary indications are that 6.1 performs better in these test than 7.2**
Timing Template: **elapsed - paging**
Date-of-test: **Winter 1988**

Code: **XCL**
Computer Type: **Xerox 1186**
Operating System: **Xerox Lisp, Lyric release**
Lisp: **Xerox Lisp, Lyric release**
Disk Configuration: **40MB**
Swapping Size: **16MB**
Memory Configuration: **3.5MB**
Display Configuration: **19" mono**
Other Configuration:
Special Comments:
Timing Template: **elapsed - gc - paging**
Date-of-test: **Winter 1988**

Appendix B -- Test Procedures

To run a BB1 test the following procedure was followed:

1. The .LISP files were copied to the host under test.
2. Lisp was restarted and any necessary configuration, such as disabling end-of-screen processing, was done.
3. If necessary, a `(PROCLAIM '(OPTIMIZE (SPEED X) (SAFETY Y)))` form was entered.
4. The form `(TIME (LOAD "COMPILE-BB1.LISP"))` was entered and allowed to complete without interruption, and the resulting information was recorded. A side effect of loading the COMPILE-BB1 file is that the source files are compiled and loaded.
5. The form `(TIME (BB1::TEST-BBEDIT))` was entered and allowed to complete. The results were recorded.
6. Step 5 was repeated, which usually resulted in a better time.
7. Steps 2 through 6 were done a total of 4 times; once skipping step 3 and then for (*X*, *Y*) = (3, 0), (0, 3), and (3, 2).

To run a SOAR test the following procedure was followed:

1. The .LISP and .SOAR files were copied to the host under test.
2. Lisp was restarted and any necessary configuration, such as disabling end-of-screen processing, was done.
3. The form `(TIME (COMPILE-FILE "SOAR.LISP"))` was entered and allowed to complete. The results were recorded.
4. Step 2 was repeated.
5. The following forms were entered:

```
(LOAD "SOAR")
(LOAD "DEFAULT.SOAR")
(LOAD "EIGHT.SOAR")
```

6. The form `(TIME (RUN-TASK))` was entered. "1<Return>3<Return>" was immediately typed ahead as responses to the prompts soon to follow. The timing was allowed to complete and the results recorded for the "A mode" test.
7. The form `(INIT-SOAR)` was entered.
8. Step 6 was repeated with "1<Return>1<Return>" in place of "1<Return>3<Return>" for the "B mode" test.
9. Steps 7 and 8 were repeated with "3<Return>3<Return>" in place of "1<Return>3<Return>" for the "C mode" test.
10. The following forms were entered:

```
(EXCISE EIGHT*MONITOR-STATE)
(WATCH -1)
```

11. Step 9 was repeated for the "C no trace mode" test.
12. Steps 2 and 5 were repeated to reload SOAR.
13. Steps 7 and 8 were repeated for the "A no trace mode" test.

Appendix C: AIM Management Committee Membership

Following are the current membership lists of the various SUMEX-AIM management committees:

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